

## Arizona's 2006/2008 Impaired Waters

Arizona's 303(d) Impaired Waters List consists of two sections: the first section consists of ADEQ 303(d) listings, while the second consists of EPA 303(d) listings.

### ADEQ'S 303(d) Impaired Waters

This list contains assessment units that were assessed as impaired by ADEQ during current and previous assessment listing cycles. The year each parameter was listed is located in parentheses after each parameter. The most current listings are in bold.

| Assessment Unit   | Size (acres/miles) | Cause(s) of Impairment  | Category | Status of TMDL Development   |
|---|--------------------|---|----------|--|
| <b>Bill Williams Watershed</b>  |                    |   |          |  |
| ✓ Alamo Lake<br>15030204-0040A  | 14,150 a           | Ammonia (2004),<br>High pH (1996)<br>Low dissolved oxygen<br>(2006)                     | 5        | Nutrient TMDL to be initiated in 2010.   |
| ✓ Bill Williams River<br>From Alamo Lake to Castaneda Wash<br>15030204-003              | 35.9 mi            | Ammonia, low<br>dissolved oxygen, and<br>high pH (2006)                                 | 5        | Nutrient TMDL to be initiated in 2010.   |
| Santa Maria River<br>From Little Sycamore Creek to Little<br>Shipp Wash<br>15030203-013 | 6.8 mi             | Mercury <sup>(d)</sup> (2006)   | 5        | Alamo Lake TMDL may address<br>mercury loadings affecting this reach.<br>TMDL to be initiated in 2010. |
| <b>Colorado - Grand Canyon Watershed</b>  |                    |   |          |  |
| Colorado River<br>From Lake Powell to Paria River<br>14070006-001                       | 16.3 mi            | Selenium <sup>(n)</sup> (2006)  | 5        | TMDL to be initiated in 2008.  |
| Colorado River<br>From Parashant Canyon to Diamond<br>Creek<br>15010002-003             | 27.6 mi            | Selenium <sup>(n)</sup> and<br>suspended sediment<br>(2004)                             | 5        | TMDL to be initiated in 2010.  |
| Paria River<br>From Utah border to Colorado River<br>14070007-123                       | 29.4 mi            | Suspended sediment<br>(2004), <i>E. coli</i> (2006)                                     | 5        | TMDL to be initiated in 2010.  |
| Virgin River<br>From Beaver Dam Wash to Big Bend<br>Wash<br>15010010-003                | 10.1 mi            | Selenium <sup>(n)</sup> and<br>suspended sediment<br>(2004)                             | 5        | TMDL to be initiated in 2011.  |
| <b>Colorado - Lower Gila Watershed</b>  |                    |   |          |  |
| Colorado River<br>From Hoover Dam to Lake Mohave<br>15030101-015                        | 40.4 mi            | Selenium <sup>(n)</sup>   | 5        | TMDL to be initiated in 2010.  |
| Colorado River<br>From Main Canal to Mexico border<br>15030107-001                      | 32.2 mi            | Low dissolved oxygen<br>and selenium <sup>(n)</sup> (2006)                              | 5        | TMDL to be initiated in 2010.  |
| Gila River<br>From Coyote Wash to Fortuna Wash<br>15070201-003                          | 28.3 mi            | Selenium <sup>(n)</sup> and<br>boron <sup>(n)</sup> (2004)                              | 5        | TMDL to be initiated in 2009.  |
| Painted Rock Borrow Pit Lake<br>15070201-1010   | 185 a              | Low dissolved oxygen<br>(1992)  | 5        | The low dissolved oxygen TMDL will<br>be initiated when the lake refills and<br>stabilizes.            |
| <b>Little Colorado Watershed</b>  |                    |   |          |  |
| Little Colorado River<br>From Silver Creek to Carr Wash<br>15020002-004                 | 6.1 mi             | <i>E. coli</i> (2004)   | 5        | To initiate in 2007.   |
| Little Colorado River<br>From Porter Tank Draw to McDonalds<br>Canyon<br>15020008-017   | 17.4 mi            | Copper <sup>(d)</sup> and silver <sup>(d)</sup><br>(1992), suspended<br>sediment (2004) | 5        | To initiate in 2007.   |
| <b>Middle Gila Watershed</b>  |                    |   |          |  |
| Alvord Lake<br>15060106B-0050   | 27 a               | Ammonia (2004)  | 5        | To initiate in 2007.   |
| Chaparral Park Lake<br>15060106B-0300   | 12 a               | Low dissolved oxygen<br>and <i>E. coli</i> (2004)                                       | 5        | To initiate in 2007.   |
| Cortez Park Lake<br>15060106B-0410  | 2 a                | Low dissolved oxygen<br>and high pH (2004)  | 5        | To initiate in 2007.   |

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| Gila River<br>From San Pedro River to Mineral Cr.<br>15050100-008   | 19.8 mi            | Suspended sediment (2006)   | 5        | TMDL to be initiated in 2009.  |
| Gila River<br>From Centennial Wash to Gillespie Dam<br>15070101-008   | 5.3 mi             | Boron <sup>(b)</sup> (1992), selenium <sup>(b)</sup> (2004)                                   | 5        | To be initiated in 2012.   |
| Hassayampa River<br>From headwaters to Copper Creek<br>15070103-007A<br>*Also on Not Attaining List         | 11 mi              | Low pH (2006)   | 5        | Mine remediation actions should also address low pH.   |
| Mineral Creek<br>From Devil's Canyon to Gila River<br>15050100-012B   | 19.6 mi            | Copper <sup>(d)</sup> (1992), selenium <sup>(b)</sup> (2004), and low dissolved oxygen (2006) | 5        | Terms of consent decree should negate need for TMDL.   |
| Queen Creek<br>From headwaters to mining discharge<br>15050100-014A   | 8.8 mi             | Copper (2002)   | 5        | Copper TMDL in progress. To be completed in 2009.  |
| Queen Creek<br>From mining WWTP discharge to Potts Canyon<br>15050100-014B                                  | 5.9 mi             | Copper (2004)   | 5        | Copper TMDL in progress. To be completed in 2009.  |
| <b>Salt Watershed</b>   |                    |   |          |  |
| Apache Lake<br>15060106A-0070   | 2,190 a            | Low dissolved oxygen (2006)   | 5        | Salt River Reservoir nutrient TMDL to be initiated in 2010.  |
| Canyon Lake<br>15060106A-0250   | 450 a              | Low dissolved oxygen (2004)   | 5        | Salt River Reservoir nutrient TMDL to be initiated in 2010.  |
| Christopher Creek<br>From headwaters to Tonto Creek<br>15060105-353<br>*Also on Not Attaining List          | 8 mi               | Phosphorus (2006)   | 5        | Nutrient reduction strategies should also address phosphorus.  |
| Five Point Mountain Tributary<br>From headwaters to Pinto Creek<br>15060103-885                             | 2.9 mi             | Copper <sup>(d)</sup> (2006)  | 5        | Loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.                         |
| Pinto Creek<br>From West Fork Pinto Creek to Roosevelt Lake<br>15060103-018C<br>*Also on Not Attaining List | 17.8 mi            | Selenium <sup>(b)</sup> (2004)  | 5        | To be initiated in 2009.   |
| Salt River<br>From Pinal Creek to Roosevelt Lake<br>15060103-004  | 7.5 mi             | Suspended sediment (2006)   | 5        | To be initiated in 2010.   |
| Salt River<br>From Stewart Mountain Dam to Verde River<br>15060106A-003                                     | 10.1 mi            | Low dissolved oxygen (2004)   | 5        | Salt River Reservoir nutrient TMDL to be initiated in 2010.  |
| Tonto Creek<br>From headwaters to 341810/1110414<br>15060105-013A<br>*Also on Not Attaining List            | 8.1 mi             | Phosphorus (2006)   | 5        | Nutrient reduction strategies should reduce phosphorus loadings. TMDL will be initiated in 2010 if needed. |
| <b>San Pedro Watershed</b>  |                    |   |          |  |
| Brewery Gulch<br>From headwaters to Mule Gulch<br>15080301-337  | 1 mi               | Copper <sup>(d)</sup> (2004)  | 5        | Copper loadings from this tributary will be addressed in the Mule Creek copper TMDL.                       |
| Mule Gulch<br>From headwaters to above Lavender Pit<br>15080301-090A  | 3 mi               | Copper <sup>(d)</sup> (1990)  | 5        | Ongoing TMDLs to be completed in 2009 to establish site-specific criteria for copper.                      |

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| Mule Gulch<br>From above Lavender Pit to Bisbee WWTP discharge<br>15080301-090B                 | 0.8 miles          | Copper <sup>(d)</sup> (1990)   | 5        | Ongoing TMDLs to be completed in 2009 to establish site-specific criteria for copper.   |
| Mule Gulch<br>From Bisbee WWTP discharge to Highway 80 bridge<br>15080301-090C                  | 3.8 mi             | Cadmium <sup>(d)</sup> , copper <sup>(d)(b)</sup> , low pH, zinc <sup>(d)</sup> (1990) | 5        | Ongoing TMDLs to be completed in 2009 to establish site-specific criteria for copper.   |
| San Pedro River<br>From Babocomari Creek to Dragoon Wash<br>15050202-003                        | 17 mi              | <i>E. coli</i> (2004)  | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| San Pedro River<br>From Dragoon Wash to Tres Alamos Wash<br>15050202-002                        | 15.5 mi            | Nitrate (1990)   | 5        | Ongoing Superfund remediation and monitoring. Will initiate TMDL if WQARF cleanup is not effective.                                 |
| San Pedro River<br>From Aravaipa Creek to Gila River<br>15050203-001                            | 14.8 mi            | <i>E. coli</i> and selenium <sup>(b)</sup> (2004)                                      | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| <b>Santa Cruz Watershed</b>   |                    |  |          |   |
| Nogales Wash<br>From Mexico border to Potrero Creek<br>15050301-011                             | 6.2 mi             | Ammonia (2004), chlorine (1996), copper <sup>(d)</sup> (2004), <i>E. coli</i> (1998)   | 5        | Necessity of TMDL development will be based on outcome of current international remediation activities on infrastructure in Mexico. |
| Santa Cruz River<br>From Mexico border to Nogales Intl WWTP discharge<br>15050301-010           | 17 mi              | <i>E. coli</i> (2004)  | 5        | Will initiate TMDL when stream flow returns. (Current drought.)   |
| Sonoita Creek<br>From 750 feet below Patagonia WWTP discharge to Santa Cruz R.<br>15050301-013C | 18.6 mi            | Zinc <sup>(d)</sup> (2004), low dissolved oxygen (2006)                                | 5        | To initiate in 2006 and complete in 2009.   |
| <b>Upper Gila Watershed</b>   |                    |  |          |   |
| Blue River<br>From Strayhorse Creek to San Francisco River<br>15040004-025B                     | 25.4 mi            | <i>E. coli</i> (2006)  | 5        | To initiate in 2009.  |
| Cave Creek<br>From headwaters to South Fork Cave Creek<br>15040006-852A                         | 7.5 mi             | Selenium <sup>(b)</sup> (2004)   | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| Gila River<br>From New Mexico border to Bitter Cr<br>15040002-004                               | 16.3 mi            | <i>E. coli</i> and suspended sediment (2006)   | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| Gila River<br>From Bonita Creek to Yuma Wash<br>15040005-022                                    | 5.8 mi             | <i>E. coli</i> (2004)  | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| Gila River<br>From Bar Creek to San Francisco River<br>15040002-001                             | 15.2 mi            | Selenium <sup>(b)</sup> (2004)   | 5        | Initiated TMDL in 2006. To complete in 2009.  |
| San Francisco River<br>From Blue River to Limestone Gulch<br>15040004-003                       | 18.7 mi            | <i>E. coli</i> (2006)  | 5        | To initiate TMDL in 2009. To complete in 2011.  |
| <b>Verde Watershed</b>  |                    |  |          |   |
| East Verde River<br>From American Gulch to Verde River<br>15060203-022C                         | 25.8 mi            | Arsenic <sup>(b)</sup> and boron <sup>(b)</sup> (2006)                                 | 5        | To initiate TMDL in 2009. To complete in 2011.  |
| East Verde River<br>From Ellison Creek to American Gulch<br>15060203-022B                       | 20.3 mi            | Selenium <sup>(b)</sup> (2004)   | 5        | To initiate TMDL in 2011.   |
| Oak Creek<br>From headwaters to West Fork Oak Creek<br>15060202-019                             | 7.4 mi             | <i>E. coli</i> (2006)  | 5        | Initiated Phase II bacteria TMDL in 2004. To complete in 2009.  |

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| Oak Creek<br>From West Fork Oak Creek to tributary<br>at 345709/1114513<br>15060202-018A                             | 5 mi                  | <i>E. coli</i> (2006)     | 5        | Initiated Phase II bacteria TMDL in<br>2004. To complete in 2009.                              |
| Oak Creek<br>From tributary at 345709/1114513 to<br>downstream boundary of Slide Rock<br>State Park<br>15060202-018B | 1 mi                  | <i>E. coli</i> (1992)     | 5        | Initiated Phase II bacteria TMDL in<br>2004. To complete in 2009.                              |
| Oak Creek<br>From Slide Rock State Park to Dry<br>Creek<br>15060202-018C   | 20 mi                 | <i>E. coli</i> (2006)     | 5        | Initiated Phase II bacteria TMDL in<br>2004. To complete in 2009.                              |
| Oak Creek<br>From Dry Creek to Spring Creek<br>15060202-017  | 10 mi                 | <i>E. coli</i> (2006)     | 5        | Initiated Phase II bacteria TMDL in<br>2004. To complete in 2009.                              |
| Spring Creek<br>From Coffee Creek to Oak Creek<br>15060202-022   | 6.4 mi                | <i>E. coli</i> (2006)     | 5        | To address bacteria loading from this<br>tributary in the Oak Creek Phase II<br>bacteria TMDL. |